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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO.          | CONFIRMATION NO. |
|-----------------|-------------|----------------------|------------------------------|------------------|
| 10/748,007      | 12/30/2003  | Seiichi Mizukoshi    | 86888 (lead) and<br>86889RLO | 6498             |

7590 03/21/2007  
Pamela R. Crocker  
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| EXAMINER |
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OSORIO, RICARDO

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| ART UNIT | PAPER NUMBER |
|----------|--------------|

2629

| SHORTENED STATUTORY PERIOD OF RESPONSE | MAIL DATE  | DELIVERY MODE |
|--|------------|---------------|
| 3 MONTHS                               | 03/21/2007 | PAPER         |

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

**Office Action Summary**

Application No.

10/748,007

Applicant(s)

MIZUKOSHI ET AL.

Examiner

RICARDO L. OSORIO

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 30 December 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) 3-6 is/are withdrawn from consideration.
- 5) ☒ Claim(s) 2 and 8 is/are allowed.
- 6) ☒ Claim(s) 1 is/are rejected.
- 7) ☒ Claim(s) 7 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date 12/30/2003.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_.

## **DETAILED ACTION**

### ***Election/Restrictions***

1. Applicant's election with traverse of Group 1, claims 1, 2, 7, and 8 in the reply filed on 1/18/2007 is acknowledged. The traversal is on the ground(s) that these claims should be searched together and no additional work is imposed. This is not found persuasive because as pointed out by examiner in the restriction requirement, claims 1, 2, 7, 8 are directed to an OEL display, classified in 345/76, while claims 3-6 are directed to a method of manufacturing an OLED display, which is classified in 445/24. Due to the difference in classification and claim language, it would cause an unnecessary serious burden on the examiner.

The requirement is still deemed proper and is therefore made FINAL.

2. This application contains claims drawn to an invention nonelected with traverse. A complete reply to the final rejection must include cancellation of nonelected claims or other appropriate action (37 CFR 1.144) See MPEP § 821.01.

## **DETAILED ACTION**

### ***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless —

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claim 1 is rejected under 35 U.S.C. 102(e) as being anticipated by Feldman (6,501,230).

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Regarding claim 1, Feldman teaches of An organic electroluminescent display device in which display pixels containing organic electroluminescent elements are arranged in a matrix(see Fig. 8), comprising a correction value formula storage section for storing a correction value formula or coefficients thereof that prescribes a relationship of pixel positions for display and brightness correction data of those pixels (see Fig. 3, characters 122, and col. 5, lines 6-9); a correction value output section for receiving the input of data for the positions of respective pixels (col. 5, lines 8-10 and 23-33), and outputs correction values for the respective pixels using the correction value formula or coefficients thereof stored in said correction value formula storage section (col. 5, lines 10-12, and lines 42-45); and the correction value output section corrects brightness data for each pixel using the correction value from said correction value output section according to the pixel position, to thereby perform display to the respective display pixels (col. 2, lines 5-10 and col. 5, lines 6-14).

*Allowable Subject Matter*

5. Claim 7 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter: Claim 7 is allowable since certain key features of the claimed invention are not taught or fairly suggested by the prior art. In claim 7, "a correction value formula generator for estimating a trend in non-uniformity of brightness of the respective pixels in the overall display area based on the detected driving current for each of the small areas and determining said correction value formula or coefficients thereof based on the estimated trend in non-uniformity of brightness". The closest prior art Feldman (6,501,230) discloses an organic EL display using brightness correction values saved in a memory, however singularly or in combination fails to anticipate or render the above underlined limitations obvious.

6. Claims 2 and 8 are allowed.

The following is an examiner's statement of reasons for allowance: Claims 2 and 8 are allowable since certain key features of the claimed invention are not taught or fairly suggested by the prior art. In claim 2, "a correction value output section for receiving the input of data for the positions of respective pixels and outputting correction values for the respective pixels based on a relation of the line positions for the respective pixels stored in said correction value storage section and the correction value". The closest prior art Feldman (6,501,230) discloses an organic EL display using brightness correction values saved in a memory, however singularly or in combination fails to anticipate or render the above underlined limitations obvious.

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ricardo L. Osorio whose telephone number is 571-272-7676. The examiner can normally be reached on Monday through Thursday from 7:00 A.M. to 5:30 P.M. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bipin Shalwala whose telephone number is 571-272-7681.

Any response to this action should be mailed to:

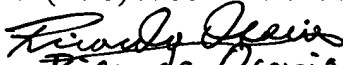
Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to: 571-273-8300 (for Technology Center 2600 only)

Hand-delivered responses should be brought to the Customer Service Window at the Randolph Building, 401, Dulany Street, Alexandria, VA 22314.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Ricardo Osorio  
PRIMARY EXAMINER  
Technology Division: 2629

RLO  
March 15, 2007